

## SUBSTITUTE SPECIFICATION

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Examiner M. Said

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### Abstract

A Pixel Circuit For Liquid Crystal Display Using Static Memory is disclosed, wherein a digital circuit is installed at a pixel of the liquid crystal display (LCD) for processing static image. The digital circuit works with an analog circuit for processing dynamic image. Several multiplexers and static memory are provided to enhance the digital and analog signal processing, for lowering the power consumption so as to accomplish power saving function of a Pixel Circuit For Liquid Crystal Display Using Static Memory.